Table 1C 2007 Pregnancy Nutrition Surveillance (1) lowa

Summary of Demographic Indicators (2)

| Number | % | |
|--------------------------|---------------------|--|
| 14,440 1,763 4,571 | 69.5 8.5 22.0 | |
| 20,774 | | |
| | 1,763 4,571 | |

| Source of Data | Number | % |
|-------------------------|--------|------------|
| WIC Maternal Health | 20,774 | 100.0 |
| Other | 0 | 0.0 0.0 |
| Total | 20,774 | 100.0 |
| Excluded Unknown: 0 0.0 | | |

| Race/Ethnic Distribution | Number % |
|---|---|
| White, Not Hispanic Black, Not Hispanic Hispanic American Indian/Alaskan Native Asian/Pacific Islander Multiple Races | 14,906 72.0 1,556 7.5 3,561 17.2 112 0.5 312 1.5 242 1.2 |
| All Other Total | 0 0.0 20.689 100.0 |
| Excluded Unknown: 85 0.4 | 20,000 100.0 |

| Age Distribution | Number | % |
|--|--|------------------------------------|
| < 15 Years 15 - 17 Years 18 - 19 Years 20 - 29 Years 30 - 39 Years >= 40 Years | 67 1,213 2,868 13,139 3,276 200 | 0.3 5.8 13.8 63.3 15.8 |
| Total | 20,763 | 100.0 |
| Excluded Unknown: 11 0.1 | | |

| Education Distribution | Number % |
|---|--|
| < High School High School > High School | 5,676 28.8 8,832 44.8 5,216 26.4 |
| Total | 19,724 100.0 |
| Excluded Unknown: 1,050 5.1 | |

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| % Poverty Level | Number % |
|---|--|
| 0 - 50 51 - 100 101 - 130 131 - 150 151 - 185 186 - 200 > 200 Adjunctive Eligibility | 5,511 34.1 4,748 29.4 2,503 15.5 1,273 7.9 1,563 9.7 179 1.1 380 2.4 |
| Total Excluded Unknown: 4,617 22.2 | 16,157 100.0 |

| Program Participation (3) | Numbe | r % |
|---------------------------|--------|-------|
| WIC | 16,203 | 100.0 |
| Food Stamps | 16,162 | 22.1 |
| Medicaid | 16,162 | 64.9 |
| TANF | 16,162 | 4.7 |
| Excluded Unknown: | | |
| WIC: | 0 | 0.0 |
| Food Stamps: | 41 | 0.3 |
| Medicaid: | 41 | 0.3 |
| TANF: | 41 | 0.3 |

| Migrant Status | | Number % |
|----------------------|-----|------------------------|
| Yes No | | 10 0.0 20,744 100.0 |
| Total | | 20,754 100.0 |
| | | |
| | | |
| Excluded Unknown: 20 | 0.1 | |

- (1) Reporting period is January 1 through December 31.
- (2) Excludes records with unknown data or errors.
- (3) Prenatal program participation.



Percentages are not calculated if <100 records are available for analysis after exclusions.

| Summary of Health Indicators (2) | | | | | |
|---|---|--|--|--|--|
| | lowa National Prevalence Prevalence (Prior Year) | | | | |
| | Number % Number % | | | | |
| Prepregnancy BMI (3) Underweight Normal Weight Overweight Obese | 17,366 8.0 1,081,550 11.2 17,366 42.4 1,081,550 45.1 17,366 15.2 1,081,550 15.0 17,366 34.4 1,081,550 28.6 | | | | |
| Maternal Weight Gain (4) Less Than Ideal Ideal Greater Than Ideal | 15,284 19.4 872,976 24.8 15,284 34.9 872,976 32.0 15,284 45.6 872,976 43.1 | | | | |
| Anemia (Low Hb/Hct) (5) 1st Trimester 2nd Trimester 3rd Trimester Postpartum | 6,443 5.4 349,143 6.7 5,775 10.2 314,271 10.8 3,057 33.0 161,665 32.2 6,908 24.2 359,221 29.2 | | | | |
| Parity (6) 0 1 2 ≥3 | 15,728 37.7 879,923 46.1 15,728 27.4 879,923 25.5 15,728 18.7 879,923 15.1 15,728 16.1 879,923 13.3 | | | | |
| Interpregnancy Interval < 6 Months 6 - <18 Months ≥18 Months | 8,565 15.9 527,136 13.1 8,565 30.6 527,136 26.7 8,565 53.5 527,136 60.3 | | | | |
| Gestational Diabetes | 18,445 6.5 150,176 3.6 | | | | |
| Hypertension During Pregnancy | 18,448 11.7 164,043 3.0 | | | | |

- (1) Reporting period is January 1 through December 31.
- (2) Excludes records with unknown data or errors.
- (3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI < 19.8), normal weight (BMI 19.9 to 26.0), overweight (BMI >26.0 to 29.0), obese (BMI >29.0).
- (4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).
- (5) Based on 1990 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.
- (6) Number of times a woman has given birth to an infant 20 or more weeks gestation.
- * Percentages are not calculated if <100 records are available for analysis after exclusions.



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| Summary of Health Indicators (2) | | | | | | |
|---|--------------------------------------|------------------------------|--|------------------------------|--|--|
| | lowa Prevalence | | Nationa Prevalen (Prior Ye | ice | | |
| | Number | % | Number | % | | |
| Medical Care | | | | | | |
| 1st Trimester No Care | 11,812 11,812 | 86.5 0.0 | 579,816 579,816 | 78.5 5.6 | | |
| WIC Enrollment 1st Trimester 2nd Trimester 3rd Trimester Postpartum (3) | 15,981 15,981 15,981 15,981 | 41.7 38.8 19.5 0.0 | 944,971 944,971 944,971 944,971 | 31.2 34.9 18.0 15.9 | | |
| Prepregnancy Multivitamin Consumption (4) Multivitamin Consumption During Pregnancy (5) | 14,579 11,068 | 15.3 5.5 | 38,592 206,967 | 15.7 74.1 | | |
| Smoking | 11,000 | | , | | | |
| 3 Months Prior to Pregnancy During Pregnancy Last 3 Months of Pregnancy Postpartum | 15,104 12,470 18,082 17,720 | 42.8 27.3 25.6 27.1 | 847,411 761,344 692,984 686,323 | 27.2 16.2 16.8 17.6 | | |
| Smoking Changes (6) | 17,720 | _, | | | | |
| Quit Smoking by First Prenatal Visit Quit Smoking by First Prenatal Visit and Stayed Off Cigarettes | 5,351 4,619 | 36.8 30.7 | 203,249 156,923 | 42.2 35.0 | | |
| Smoking in Household During Pregnancy Postpartum | 12,455 17,812 | 26.3 16.8 | 514,582 443,951 | 22.5 24.1 | | |
| Drinking 3 Months Prior to Pregnancy Last 3 Months of Pregnancy | 17,229 17,838 | 16.5 0.7 | 785,765 753,112 | 7.4 0.4 | | |

- (1) Reporting period is January 1 through December 31.
- (2) Excludes records with unknown data or errors.
- (3) Women who initially enrolled in WIC during the postpartum period.
- (4) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.
- (5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.
- (6) Among women who smoked 3 months prior to pregnancy.
- * Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 2C 2007 Pregnancy Nutrition Surveillance lowa Summary of Health Indicators

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| Summary of Health Indicators (2) | | | | | |
|----------------------------------|--------------------|------|----------|------|--|
| | lowa Prevalence | | | | |
| | Number | % | Number % | | |
| Birthweight (3) | | | | | |
| Very Low | 14,468 | 1.1 | 972,241 | 1.1 | |
| Low | 14,468 | 6.7 | 972,241 | 7.2 | |
| Normal | 14,468 | 83.8 | 972,241 | 85.0 | |
| High | 14,468 | 8.4 | 972,241 | 6.8 | |
| Preterm (4) | 10,848 | 10.8 | 873,261 | 12.1 | |
| Full term Low Birth Weight (5) | 9,521 | 2.8 | 802,123 | 3.7 | |
| Multiple Births | 18,724 | 0.9 | 935,557 | 1.5 | |
| Breastfeeding | | | | | |
| Ever Breastfed | 14,889 | 22.5 | 897,379 | 64.2 | |

⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Excludes records with unknown data or errors.

⁽³⁾ Very low birth weight (<1500 g), low birth weight (1500 - <2500 g), normal birth weight (2500 - <4000 g), high birth weight (>4000 g).

^{(4) &}lt;37 weeks gestation.

^{(5) 37} or more weeks gestation and <2500 g.

Table 3C 2007 Pregnancy Nutrition Surveillance (1)

lowa
Comparison of Racial and Ethnic Distribution by Contributor to Nation

| Comparison of Racial and Ethnic Distribution (2) | | | | | | | | |
|--|-------------|---------------------|---------------------|----------|--------------------------------------|---------------------------|----------------|-------------------|
| | Included in | White, Not Hispanic | Black, Not Hispanic | Hispanic | American Indian/Alaskan Native | Asian/Pacific Islander | Multiple Races | All Other/Unknown |
| | Analysis | % | % | % | % | % | % | % |
| Iowa | 20,774 | 71.8 | 7.5 | 17.1 | 0.5 | 1.5 | 1.2 | 0.4 |
| Nation (Prior Year) | 1,153,475 | 41.5 | 22.7 | 28.7 | 1.1 | 3.1 | 0.9 | 2.0 |



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⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Excludes data with errors.

Percentages are not calculated if <100 records are available for analysis after exclusions.

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lowa Comparison of Age Distribution by Contributor to Nation

| | Comparison of Age Distribution (2) | | | | | | | | | | | | |
|---------------------|------------------------------------|-----------------|--------------------|--------------------|--------------------|--------------------|------------------|--------------|--|--|--|--|--|
| | Number Included in Analysis | < 15 Years % | 15 - 17 Years % | 18 - 19 Years % | 20 - 29 Years % | 30 - 39 Years % | >= 40 Years % | Unknown % | | | | | |
| lowa | 20,774 | 0.3 | 5.8 | 13.8 | 63.2 | 15.8 | 1.0 | 0.1 | | | | | |
| Nation (Prior Year) | 1,153,475 | 0.4 | 6.5 | 12.6 | 60.0 | 19.0 | 1.4 | 0.1 | | | | | |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Excludes data with errors.

Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 5C 2007 Pregnancy Nutrition Surveillance (1) lowa

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Comparison of Maternal Health Indicators by Contributor to Nation

| | | | Con | nparison | of Mate | rnal Heal | th Indica | tors ⁽²⁾ | | | | | | |
|---------------------|-------------------------|------------------|-----------------|----------|--------------------|-----------|-----------|---------------------|---------|-------|-------------------------------------|-----------|----------------------------|------|
| | Prepregnancy BMI (3) | | | , | Weight Gair (4) | n | | Aner (Low HI | o/Hct) | | Gestati Diabe Durir Pregna | tes ng | Hyperte Durir Pregna | ng |
| | | Under- weight | Over- weight | | < Ideal | > Ideal | 3rd Trin | nester | Postpa | artum | regnancy | | | |
| | Number | % | % | Number | % | % | Number | % | Number | % | Number | % | Number | % |
| lowa | 17,366 | 8.0 | 49.6 | 15,284 | 19.4 | 45.6 | 3,057 | 33.0 | 6,908 | 24.2 | 18,445 | 6.5 | 18,448 | 11.7 |
| Nation (Prior Year) | 1,081,550 | 11.2 | 43.7 | 872,976 | 24.8 | 43.1 | 161,665 | 32.2 | 359,221 | 29.2 | 150,176 | 3.6 | 164,043 | 3.0 |

⁽⁵⁾ Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.





⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Excludes records with unknown data or errors.

⁽³⁾ Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

⁽⁴⁾ Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

Table 6C 2007 Pregnancy Nutrition Surveillance (1) lowa Comparison of Maternal Behavioral Indicators by Contributor to Nation

Page: Run Date: 1 / 14 / 09

| | 1 | Comparisor | n of Mate | rnal Beha | vioral In | dicators | (2) | | |
|---------------------|---------|---------------|-----------|-----------|-----------|--------------------------|------|------------|----------|
| | | Medical Care | | WIC Enr | ollment | Multivitamin Consumption | | | |
| | | 1st Trimester | No Care | 1st Trir | nester | Prepreg | - | During Pro | eganancy |
| | Number | % | % | Number | % | Number | % | Number | % |
| Iowa | 11,812 | 86.5 | 0.0 | 15,981 | 41.7 | 14,579 | 15.3 | 11,068 | 5.5 |
| Nation (Prior Year) | 579,816 | § 78.5 | 5.6 | 944,971 | 31.2 | 38,592 | 15.7 | 206,967 | 74.1 |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Excludes records with unknown data or errors.

⁽³⁾ Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 7C 2007 Pregnancy Nutrition Surveillance (1) lowa

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Comparison of Smoking Indicators by Contributor to Nation

| Comparison of Smoking Indicators (2) | | | | | | | | | | | | |
|--------------------------------------|--------------------------------|------|--------|----------------------------|-----------------------|----------------------|--------|------------|------------|------|--|--|
| | | Smo | king | | Quit Sm By First P | | , | Smoking in | Household | | | |
| | 3 Months Prior to Pregnancy | | | Last 3 Months of Pregnancy | | ayed Off ttes (3) | Prena | atal | Postpartum | | | |
| | Number | % | Number | per % Nu | | % | Number | % | Number | % | | |
| | | | | | | | | | | | | |
| lowa | 15,104 | 42.8 | 18,082 | 25.6 | 4,619 | 30.7 | 12,455 | 26.3 | 17,812 | 16.8 | | |
| Nation (Prior Year) | 847,411 27.2 692,984 16.8 | | 16.8 | 156,923 | 35.0 | 514,582 | 22.5 | 443,951 | 24.1 | | | |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Excludes records with unknown data or errors.

⁽³⁾ Among women who smoked 3 months prior to pregnancy.

Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 8C **2007 Pregnancy Nutrition Surveillance** (1)

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Comparison of Infant Health Indicators by Contributor to Nation

| Comparison of Infant Health Indicators (2) | | | | | | | | | | | | | |
|--|---------|-------------|-------------|---------|-----------|------------------|-----|----------|---------|--|--|--|--|
| | | Birthweight | | | erm 5) | Full Terr (6) | | Ever Bre | eastfed | | | | |
| | | Low (3) | High (4) | | | | | | | | | | |
| | Number | % | % | Number | % | Number | % | Number | % | | | | |
| lowa | 14,468 | 7.8 | 8.4 | 10,848 | 10.8 | 9,521 | 2.8 | 14,889 | 22.5 | | | | |
| Nation (Prior Year) | 972,241 | 8.3 | 6.8 | 873,261 | 12.1 | 802,123 | 3.7 | 897,379 | 64.2 | | | | |

⁽¹⁾ Reporting period is January 1 through December 31. (2) Excludes records with unknown data or errors.

^{(3) &}lt;2500 g.

^{(4) &}gt;4000 g.

^{(5) &}lt;37 weeks gestation.

 ^{(6) 37} or more weeks gestation and <2500 g.
 Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 9C 2007 Pregnancy Nutrition Surveillance (1) lowa Maternal Health Indicators by Race/Ethnicity, Age, or Education

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| M | aternal F | lealth In | dicator | s by Ra | ce/Ethni | icity, Aç | ge, or Ed | ucation | 1 | (2) | | | | |
|--------------------------------|-----------|--------------------|-----------------|---------|------------------|-----------|-----------|----------------------------|--------|-------|-----------------|------|--------------------------|------|
| | Prep | oregnancy I (3) | ЗМІ | We | ight Gain (4) | | | Anemia (Low Hb/l (5) | | | Gestat Diabe | | Hyperte Duri Pregn | ing |
| | | Under- weight | Over- weight | | < Ideal | > Ideal | 3rd Trin | nester | Postpa | ırtum | | | | - |
| | Number | % | % | Number | % | % | Number | % | Number | % | Number | % | Number | % |
| Race/Ethnicity | | | | | | | | | | | | | | |
| White, Not Hispanic | 12,463 | 8.8 | 49.5 | 10,967 | 18.4 | 47.8 | 2,171 | 30.8 | 4,863 | 21.3 | 13,351 | 6.2 | 13,354 | 12.3 |
| Black, Not Hispanic | 1,310 | 6.9 | 51.7 | 1,137 | 21.4 | 44.8 | 268 | 56.0 | 506 | 47.8 | 1,368 | 4.9 | 1,370 | 12.3 |
| Hispanic | 3,076 | 4.5 | 50.6 | 2,735 | 22.5 | 38.2 | 491 | 30.3 | 1,292 | 25.5 | 3,146 | 8.6 | 3,144 | 9.2 |
| American Indian/Alaskan Native | 90 | * | * | 69 | * | * | 15 | * | 37 | * | 89 | * | 89 | * |
| Asian/Pacific Islander | 213 | 19.2 | 20.7 | 182 | 23.6 | 31.3 | 61 | * | 124 | 20.2 | 272 | 7.4 | 272 | 6.3 |
| Multiple Races | 209 | 10.0 | 49.8 | 194 | 20.1 | 43.8 | 51 | * | 86 | * | 219 | 2.7 | 219 | 10.0 |
| All Other/Unknown | 5 | * | * | 0 | * | * | 0 | * | 0 | * | 0 | * | 0 | * |
| Total | 17,366 | 8.0 | 49.6 | 15,284 | 19.4 | 45.6 | 3,057 | 33.0 | 6,908 | 24.2 | 18,445 | 6.5 | 18,448 | 11.7 |
| Age | | | | | | | | | | | | | | |
| < 15 Years | 59 | * | * | 50 | * | * | 13 | * | 19 | * | 56 | * | 56 | * |
| 15 - 17 Years | 1,064 | 12.7 | 28.9 | 953 | 14.3 | 51.4 | 202 | 41.1 | 351 | 35.0 | 1,057 | 2.2 | 1,058 | 13.2 |
| 18 - 19 Years | 2,505 | 12.3 | 38.5 | 2,214 | 16.8 | 50.9 | 417 | 31.4 | 887 | 29.1 | 2,495 | 3.0 | 2,495 | 12.7 |
| 20 - 29 Years | 10,844 | 7.7 | 50.9 | 9,537 | 19.4 | 45.4 | 1,944 | 33.4 | 4,435 | 23.5 | 11,734 | 5.8 | 11,740 | 10.9 |
| 30 - 39 Years | 2,716 | 3.5 | 62.1 | 2,381 | 23.3 | 40.0 | 455 | 29.5 | 1,143 | 19.9 | 2,923 | 12.9 | 2,918 | 12.7 |
| >= 40 Years | 169 | 2.4 | 64.5 | 140 | 33.6 | 32.9 | 24 | * | 73 | * | 170 | 22.9 | 171 | 21.1 |
| Unknown | 9 | * | * | 9 | * | * | 2 | * | 0 | * | 10 | * | 10 | * |
| Total | 17,366 | 8.0 | 49.6 | 15,284 | 19.4 | 45.6 | 3,057 | 33.0 | 6,908 | 24.2 | 18,445 | 6.5 | 18,448 | 11.7 |
| Education | | | | | | | | | | | | | | |
| < High School | 4,978 | 8.7 | 46.2 | 4,381 | 19.9 | 43.7 | 843 | 37.6 | 1,838 | 29.7 | 5,004 | 6.1 | 5,008 | 10.3 |
| High School | 7,499 | 8.1 | 50.6 | 6,625 | 18.6 | 47.5 | 1,329 | 31.2 | 2,781 | 25.2 | 7,931 | 6.4 | 7,931 | 12.0 |
| > High School | 4,256 | 7.0 | 52.5 | 3,765 | 19.5 | 45.1 | 773 | 31.0 | 1,893 | 17.6 | 4,679 | 7.2 | 4,680 | 12.6 |
| Unknown | 633 | 7.4 | 43.6 | 513 | 25.3 | 41.9 | 112 | 34.8 | 396 | 23.0 | 831 | 5.3 | 829 | 11.0 |
| Total | 17,366 | 8.0 | 49.6 | 15,284 | 19.4 | 45.6 | 3,057 | 33.0 | 6,908 | 24.2 | 18,445 | 6.5 | 18,448 | 11.7 |

- (1) Reporting period is January 1 through December 31.
- (2) Excludes records with unknown data for health indicators, and data with errors for health and demographic indicators.
- (3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).
- (4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).
- (5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.
- * Percentages are not calculated if <100 records are available for analysis after exclusions.



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Maternal Behavioral Indicators by Race/Ethnicity, Age, or Education

| М | aternal B | ehavior Aç | al Indicat ge, or Edu | ors by Rucation | ace/Eth | nnicity, | (2) | | |
|--------------------------------|-----------|---------------|--------------------------|-----------------|---------|----------|-------------|------------------|---------|
| | N | Medical Ca | are | WIC Enr | ollment | Мι | ultivitamin | Consumption | |
| | 1st T | rimester | No Care | 1st Trin | nester | Prepreg | gnancy | During Pr (4) | egnancy |
| | Number | % | % | Number | % | Number | % | Number | % |
| Race/Ethnicity | | | | | | | | | |
| White, Not Hispanic | 8,598 | 88.3 | 0.0 | 11,323 | 43.3 | 10,518 | 16.9 | 8,116 | 6.3 |
| Black, Not Hispanic | 852 | 80.0 | 0.0 | 1,182 | 33.8 | 1,069 | 8.8 | 784 | 4.0 |
| Hispanic | 2,015 | 83.2 | 0.0 | 2,900 | 38.6 | 2,574 | 11.6 | 1,857 | 3.3 |
| American Indian/Alaskan Native | 46 | * | * | 81 | * | 63 | * | 44 | * |
| Asian/Pacific Islander | 157 | 80.9 | 0.0 | 224 | 35.3 | 182 | 18.1 | 146 | 1.4 |
| Multiple Races | 144 | 76.4 | 0.0 | 188 | 37.2 | 173 | 10.4 | 121 | 4.1 |
| All Other/Unknown | 0 | * | * | 83 | * | 0 | * | 0 | * |
| Total | 11,812 | 86.5 | 0.00 | 15,981 | 41.7 | 14,579 | 15.3 | 11,068 | 5.5 |
| Age | | | | | | | | | |
| < 15 Years | 38 | * | * | 60 | * | 55 | * | 40 | * |
| 15 - 17 Years | 772 | 79.5 | 0.0 | 1,027 | 42.1 | 940 | 4.4 | 697 | 3.2 |
| 18 - 19 Years | 1,734 | 84.7 | 0.0 | 2,386 | 44.0 | 2,200 | 7.6 | 1,647 | 4.6 |
| 20 - 29 Years | 7,384 | 87.9 | 0.0 | 9,871 | 41.0 | 9,010 | 15.9 | 6,842 | 6.0 |
| 30 - 39 Years | 1,774 | 86.2 | 0.0 | 2,479 | 42.5 | 2,235 | 24.3 | 1,734 | 5.3 |
| >= 40 Years | 104 | 81.7 | 0.0 | 150 | 40.0 | 133 | 33.8 | 101 | 5.9 |
| Unknown | 6 | * | * | 8 | * | 6 | * | 7 | * |
| Total | 11,812 | 86.5 | 0.00 | 15,981 | 41.7 | 14,579 | 15.3 | 11,068 | 5.5 |
| Education | | | | | | | | | |
| < High School | 3,393 | 82.4 | 0.0 | 4,708 | 41.2 | 4,327 | 9.6 | 3,124 | 4.7 |
| High School | 5,248 | 87.5 | 0.0 | 6,911 | 41.8 | 6,358 | 13.8 | 4,842 | 5.8 |
| > High School | 2,830 | 89.8 | 0.0 | 3,758 | 41.7 | 3,503 | 25.5 | 2,777 | 6.2 |
| Unknown | 341 | 84.2 | 0.0 | 604 | 44.0 | 391 | 11.0 | 325 | 2.5 |
| Total | 11,812 | 86.5 | 0.00 | 15,981 | 41.7 | 14,579 | 15.3 | 11,068 | 5.5 |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Excludes records with unknown data for behavioral indicators, and data with errors for behavioral and demographic indicators.

Percentages are not calculated if <100 records are available for analysis after exclusions.

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| | Smoking | g Indica | tors by Ra | ce/Ethn | icity, Age | or Edu | cation (2) | | | |
|--------------------------------|----------------------|----------|----------------------|---------|-------------------------|---------|------------|------------|-------------|-------|
| | | Smo | oking | | Quit Sm By First F | renatal | | Smoking ir | n Household | |
| | 3 Moi Prior to Pr | | Last 3 M of Pregr | | Visit and S Cigarett | | Prena | atal | Postpa | artum |
| | Number | % | Number | % | Number | % | Number | % | Number | % |
| Race/Ethnicity | | | | | | | | | | |
| White, Not Hispanic | 10,709 | 52.0 | 13,126 | 30.7 | 3,987 | 29.5 | 8,881 | 30.4 | 12,944 | 19.3 |
| Black, Not Hispanic | 1,133 | 32.9 | 1,328 | 21.3 | 254 | 31.5 | 918 | 20.5 | 1,301 | 12.1 |
| Hispanic | 2,795 | 14.0 | 3,059 | 7.2 | 286 | 46.9 | 2,277 | 12.7 | 3,010 | 8.2 |
| American Indian/Alaskan Native | 74 | * | 89 | * | 18 | * | 57 | * | 85 | * |
| Asian/Pacific Islander | 213 | 11.3 | 264 | 4.9 | 13 | * | 172 | 14.0 | 257 | 9.3 |
| Multiple Races | 180 | 45.0 | 216 | 25.9 | 61 | * | 150 | 36.0 | 215 | 19.5 |
| All Other/Unknown | 0 | * | 0 | * | 0 | * | 0 | * | 0 | * |
| Total | 15,104 | 42.8 | 18,082 | 25.6 | 4,619 | 30.7 | 12,455 | 26.3 | 17,812 | 16.8 |
| Age | | | | | | | | | | |
| < 15 Years | 57 | * | 55 | * | 10 | * | 45 | * | 55 | * |
| 15 - 17 Years | 976 | 36.8 | 1,034 | 18.1 | 245 | 42.0 | 792 | 43.7 | 1,037 | 25.1 |
| 18 - 19 Years | 2,257 | 50.5 | 2,471 | 25.8 | 806 | 37.6 | 1,874 | 37.1 | 2,446 | 22.3 |
| 20 - 29 Years | 9,346 | 44.6 | 11,492 | 26.9 | 2,993 | 29.9 | 7,676 | 24.0 | 11,277 | 15.6 |
| 30 - 39 Years | 2,320 | 32.5 | 2,855 | 23.6 | 549 | 20.2 | 1,948 | 17.7 | 2,825 | 13.2 |
| >= 40 Years | 141 | 23.4 | 165 | 16.4 | 16 | * | 112 | 15.2 | 163 | 14.7 |
| Unknown | 7 | * | 10 | * | 0 | * | 8 | * | 9 | * |
| Total | 15,104 | 42.8 | 18,082 | 25.6 | 4,619 | 30.7 | 12,455 | 26.3 | 17,812 | 16.8 |
| Education | | | | | | | | | | |
| < High School | 4,562 | 40.1 | 4,916 | 27.5 | 1,308 | 24.5 | 3,730 | 30.6 | 4,845 | 19.6 |
| High School | 6,562 | 49.4 | 7,768 | 29.5 | 2,322 | 31.0 | 5,387 | 28.1 | 7,661 | 17.5 |
| > High School | 3,540 | 34.3 | 4,578 | 17.0 | 862 | 39.9 | 2,960 | 17.7 | 4,507 | 12.5 |
| Unknown | 440 | 40.7 | 820 | 24.6 | 127 | 28.3 | 378 | 24.6 | 799 | 16.1 |
| Total | 15,104 | 42.8 | 18,082 | 25.6 | 4,619 | 30.7 | 12,455 | 26.3 | 17,812 | 16.8 |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Excludes records with unknown data for smoking indicators, and data with errors for smoking and demographic indicators.

⁽³⁾ Among women who smoked 3 months prior to pregnancy.

^{*} Percentages are not calculated if <100 records are available for analysis after exclusions.

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| Infan | t Health Ir | ndicator | s by Rac | ce/Ethnicit | ty, Age, | or Educati | ion ⁽²⁾ | | |
|--------------------------------|-------------|-------------|-------------|-------------|----------|------------------|--------------------|----------|---------|
| | E | Birthweight | | Prete | | Full Term (6) | | Ever Bre | eastfed |
| | | Low (3) | High (4) | _ (5 |) | (6) | | | |
| | Number | % | % | Number | % | Number | % | Number | % |
| Race/Ethnicity | | | | | | | | | |
| White, Not Hispanic | 10,626 | 7.7 | 8.6 | 7,869 | 10.5 | 6,931 | 2.9 | 10,931 | 19.0 |
| Black, Not Hispanic | 995 | 12.0 | 4.9 | 738 | 13.6 | 630 | 4.3 | 1,027 | 21.5 |
| Hispanic | 2,390 | 6.1 | 9.3 | 1,916 | 11.2 | 1,668 | 1.7 | 2,464 | 38.1 |
| American Indian/Alaskan Native | 76 | * | * | 54 | * | 49 | * | 79 | * |
| Asian/Pacific Islander | 209 | 10.5 | 2.9 | 144 | 6.9 | 132 | 3.0 | 211 | 32.2 |
| Multiple Races | 172 | 10.5 | 7.6 | 127 | 11.8 | 111 | 5.4 | 177 | 16.4 |
| All Other/Unknown | 0 | * | * | 0 | * | 0 | * | 0 | * |
| Total | 14,468 | 7.8 | 8.4 | 10,848 | 10.8 | 9,521 | 2.8 | 14,889 | 22.5 |
| Age | | | | | | | | | |
| < 15 Years | 42 | * | * | 39 | * | 34 | * | 45 | * |
| 15 - 17 Years | 771 | 7.5 | 6.9 | 639 | 10.3 | 562 | 3.4 | 806 | 10.0 |
| 18 - 19 Years | 1,970 | 7.0 | 6.2 | 1,604 | 11.3 | 1,405 | 2.7 | 2,012 | 11.9 |
| 20 - 29 Years | 9,232 | 6.3 | 8.5 | 6,773 | 10.3 | 5,979 | 2.7 | 9,494 | 22.5 |
| 30 - 39 Years | 2,313 | 7.9 | 10.5 | 1,698 | 12.2 | 1,461 | 3.0 | 2,389 | 34.1 |
| >= 40 Years | 134 | 9.7 | 10.4 | 91 | * | 77 | * | 137 | 47.4 |
| Unknown | 6 | * | * | 4 | * | 3 | * | 6 | * |
| Total | 14,468 | 7.8 | 8.4 | 10,848 | 10.8 | 9,521 | 2.8 | 14,889 | 22.5 |
| Education | | | | | | | | | |
| < High School | 3,917 | 6.7 | 7.5 | 3,190 | 11.5 | 2,785 | 2.8 | 4,046 | 19.6 |
| High School | 6,231 | 7.0 | 8.3 | 4,796 | 10.5 | 4,228 | 3.0 | 6,404 | 18.0 |
| > High School | 3,664 | 6.2 | 9.8 | 2,546 | 10.7 | 2,232 | 2.5 | 3,755 | 32.5 |
| Unknown | 656 | 7.3 | 7.6 | 316 | 9.5 | 276 | 3.6 | 684 | 25.6 |
| Total | 14,468 | 7.8 | 8.4 | 10,848 | 10.8 | 9,521 | 2.8 | 14,889 | 22.5 |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Excludes records with unknown data for health indicators, and data with errors for health and demographic indicators.

^{(3) &}lt;2500 g.

^{(4) &}gt;4000 g.

^{(5) &}lt;37 weeks gestation.

^{(6) 37} or more weeks gestation and <2500 g.

Percentages are not calculated if <100 records are available for analysis after exclusions.

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Maternal Weight Gain and Birth Outcomes by Select Health Indicators

| | We | eight Gain | (3) | | | Е | Birth Outcomes | | | | | | | |
|--------------------------|--------|------------|---------|--------|-------------|------|----------------|------|------------|-------------|--------------|----|------------------|--|
| | | < Ideal | > Ideal | | Birthweight | | Durate | | Full Tanna | - I D)A/ | | | | |
| | | (lada: | | | | | | | Low (4) | High (5) | Prete (6) | rm | Full Term (7) | |
| | Number | % | % | Number | % | % | Number | % | Number | % | | | | |
| Prepregnancy BMI | | | | | | | | | | | | | | |
| Underweight | 1,231 | 24.1 | 30.1 | 946 | 11.6 | 3.7 | 829 | 12.9 | 707 | 5.0 | | | | |
| Normal Weight | 6,575 | 20.9 | 40.9 | 5,054 | 7.3 | 6.6 | 4,395 | 10.1 | 3,886 | 2.8 | | | | |
| Overweight | 2,311 | 9.4 | 61.7 | 1,833 | 7.0 | 9.5 | 1,617 | 11.0 | 1,416 | 2.9 | | | | |
| Obese | 5,151 | 20.7 | 48.3 | 4,169 | 6.3 | 11.8 | 3,770 | 11.0 | 3,310 | 2. | | | | |
| Weight Gain | | | | | | | | | | | | | | |
| < Ideal | _ | - | - | 2,219 | 11.6 | 5.3 | 1,932 | 13.5 | 1,642 | 4.0 | | | | |
| Ideal | _ | _ | _ | 4,190 | 7.4 | 6.4 | 3,725 | 11.0 | 3,268 | 2.8 | | | | |
| > Ideal | _ | - | _ | 5,444 | 5.4 | 11.9 | 4,822 | 9.5 | 4,295 | 1.8 | | | | |
| Smoking During Pregnancy | | | | | | | | | | | | | | |
| Smokers | 2,828 | 20.7 | 46.1 | 2,316 | 10.6 | 5.7 | 2,319 | 11.6 | 2,013 | 5. | | | | |
| Non-Smokers | 7,735 | 18.3 | 44.9 | 6,182 | 6.3 | 9.7 | 6,198 | 10.8 | 5,427 | 2. | | | | |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Excludes records with unknown data or errors.

⁽³⁾ Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

^{(4) &}lt;2500 g.

^{(5) &}gt;4000 g.

^{(6) &}lt;37 weeks gestation.

^{(7) 37} or more weeks gestation and <2500 g.

^{*} Percentages are not calculated if <100 records are available for analysis after exclusions.

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Summary of Trends in Racial and Ethnic Distribution

| | | Summary | of Trends in R | acial and Eth | nic Distributio | n ⁽²⁾ | | |
|------|-----------------------|---------------------|---------------------|---------------|----------------------------|---------------------------|----------------|-------------------|
| Year | Number Included in | White, Not Hispanic | Black, Not Hispanic | Hispanic | American Indian/Alaskan | Asian/Pacific Islander | Multiple Races | All Other/Unknown |
| | Analysis | % | % | % | Native % | % | % | % |
| 2007 | 20,774 | 71.8 | 7.5 | 17.1 | 0.5 | 1.5 | 1.2 | 0.4 |
| 2006 | 11,150 | 71.9 | 6.8 | 17.9 | 0.3 | 1.8 | 1.1 | 0.2 |
| 2005 | 17,919 | 75.9 | 7.3 | 14.3 | 0.7 | 1.8 | 0.0 | 0.0 |
| 2004 | 13,126 | 76.3 | 7.2 | 13.5 | 0.7 | 2.2 | 0.0 | 0.0 |
| 2003 | 18,177 | 78.0 | 6.8 | 12.2 | 0.6 | 2.4 | 0.0 | 0.0 |
| 2002 | 18,053 | 78.1 | 6.5 | 12.3 | 0.7 | 2.3 | 0.0 | 0.0 |
| 2001 | 16,916 | 79.7 | 6.8 | 11.0 | 0.6 | 1.9 | 0.0 | 0.0 |
| 2000 | 17,515 | 80.4 | 6.5 | 10.3 | 0.7 | 2.2 | 0.0 | 0.0 |
| 1999 | 17,411 | 81.7 | 6.2 | 9.5 | 0.6 | 2.1 | 0.0 | 0.0 |
| 1998 | 17,784 | 83.1 | 5.9 | 8.5 | 0.6 | 2.1 | 0.0 | 0.0 |
| 1997 | 17,515 | 82.8 | 6.1 | 8.2 | 0.7 | 2.3 | 0.0 | 0.0 |
| 1996 | 15,733 | 83.9 | 6.1 | 7.5 | 0.5 | 2.1 | 0.0 | 0.0 |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Excludes records with unknown data or errors.

Percentages are not calculated if <100 records are available for analysis after exclusions.

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Summary of Trends in Age Distribution

| | | Sumr | nary of Trend | s in Age Dist | ribution (2) | | | |
|------|-----------------------------------|-----------------|--------------------|--------------------|--------------------|--------------------|------------------|--------------|
| Year | Number Included in Analysis | < 15 Years % | 15 - 17 Years % | 18 - 19 Years % | 20 - 29 Years % | 30 - 39 Years % | >= 40 Years % | Unknown % |
| 2007 | 20,774 | 0.3 | 5.8 | 13.8 | 63.2 | 15.8 | 1.0 | 0.1 |
| 2006 | 11,150 | 0.3 | 6.2 | 13.0 | 63.9 | 15.6 | 1.0 | 0.1 |
| 2005 | 17,919 | 0.3 | 6.5 | 13.5 | 63.2 | 15.5 | 1.0 | 0.0 |
| 2004 | 13,126 | 0.2 | 5.6 | 13.6 | 63.4 | 16.0 | 1.1 | 0.0 |
| 2003 | 18,177 | 0.3 | 6.6 | 14.2 | 62.8 | 15.3 | 0.8 | 0.0 |
| 2002 | 18,053 | 0.3 | 6.8 | 14.4 | 62.3 | 15.3 | 1.0 | 0.0 |
| 2001 | 16,916 | 0.3 | 7.0 | 15.5 | 61.4 | 14.9 | 0.8 | 0.0 |
| 2000 | 17,515 | 0.4 | 7.7 | 15.9 | 60.6 | 14.5 | 0.9 | 0.0 |
| 1999 | 17,411 | 0.4 | 8.0 | 16.3 | 59.8 | 14.7 | 0.8 | 0.0 |
| 1998 | 17,784 | 0.4 | 8.3 | 15.7 | 59.8 | 14.9 | 0.8 | 0.0 |
| 1997 | 17,515 | 0.5 | 8.9 | 15.5 | 59.6 | 14.8 | 0.8 | 0.0 |
| 1996 | 15,733 | 0.4 | 8.7 | 15.8 | 59.3 | 15.1 | 0.8 | 0.0 |

⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Excludes records with unknown data or errors.

^{*} Percentages are not calculated if <100 records are available for analysis after exclusions.

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Summary of Trends in Maternal Health Indicators

| | | Summa | ry of Trei | nds in Ma | aternal | Health Ir | dicators | (2) | | | | |
|------|--------|-------------------|-----------------|-----------|------------------|-----------|----------|-------------------------------|--------|-------|--|--|
| Year | Pr | epregnancy (3) | BMI | | Weight Ga (4) | ain | | Anemia (Low Hb/Hct) (5) | | | | |
| | | Under- weight | Over- weight | | < Ideal | > Ideal | 3rd Trir | mester | Postpa | artum | | |
| | Number | % | % | Number | % | % | Number | % | Number | % | | |
| 2007 | 17,366 | 8.0 | 49.6 | 15,284 | 19.4 | 45.6 | 3,057 | 33.0 | 6,908 | 24.2 | | |
| 2006 | 9,130 | 8.2 | 48.1 | 7,751 | 20.1 | 45.7 | 1,743 | 28.8 | 3,824 | 21.8 | | |
| 2005 | 16,560 | 11.8 | 45.7 | 12,714 | 21.2 | 45.1 | 2,655 | 30.2 | 5,986 | 25.3 | | |
| 2004 | 11,847 | 11.5 | 44.4 | 9,845 | 22.2 | 44.5 | 1,626 | 29.9 | 5,746 | 24.3 | | |
| 2003 | 16,572 | 12.6 | 43.9 | 14,513 | 21.2 | 44.8 | 2,496 | 26.8 | 7,630 | 23.5 | | |
| 2002 | 16,490 | 12.9 | 43.2 | 14,278 | 20.9 | 44.6 | 2,531 | 25.9 | 7,365 | 21.7 | | |
| 2001 | 15,868 | 13.5 | 43.3 | 13,514 | 21.7 | 44.0 | 2,473 | 25.2 | 6,394 | 21.7 | | |
| 2000 | 16,503 | 14.1 | 41.6 | 14,361 | 22.1 | 43.6 | 2,507 | 23.8 | 6,425 | 21.3 | | |
| 1999 | 16,328 | 14.4 | 40.1 | 14,265 | 22.1 | 42.7 | 2,358 | 24.2 | 5,732 | 19.6 | | |
| 1998 | 16,476 | 14.9 | 39.8 | 14,718 | 22.0 | 43.0 | 2,349 | 25.0 | 5,698 | 20.3 | | |
| 1997 | 16,031 | 14.7 | 38.5 | 14,338 | 22.2 | 41.4 | 2,182 | 22.0 | 5,832 | 19.9 | | |
| 1996 | 10,991 | 15.6 | 36.4 | 9,954 | 22.9 | 41.6 | 1,994 | 24.9 | 5,609 | 19.2 | | |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Excludes records with unknown data or errors.

⁽³⁾ Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

⁽⁴⁾ Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

⁽⁵⁾ Based on 1990 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

Percentages are not calculated if <100 records are available for analysis after exclusions.

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Summary of Trends in Maternal Behavioral Indicators

| Summary of Tre | ends in Ma | aternal | Behavior | al Indica | tors (2) | |
|----------------|------------|------------|----------|---------------|----------|--|
| Year | N | ledical Ca | ıre | WIC Enrollmen | | |
| | 1st Tr | imester | No Care | 1st Trimester | | |
| | Number | % | % | Number | % | |
| 2007 | 11,812 | 86.5 | 0.0 | 15,981 | 41.7 | |
| 2006 | 3,998 | 86.7 | 0.0 | 8,328 | 38.8 | |
| 2005 | 14,170 | 81.4 | 11.0 | 17,429 | 35.4 | |
| 2004 | 11,356 | 79.6 | 13.5 | 12,403 | 32.1 | |
| 2003 | 16,442 | 79.9 | 12.7 | 17,405 | 33.9 | |
| 2002 | 16,189 | 79.3 | 13.3 | 17,216 | 33.4 | |
| 2001 | 14,906 | 80.3 | 11.6 | 16,326 | 32.8 | |
| 2000 | 15,656 | 79.0 | 12.3 | 16,869 | 33.9 | |
| 1999 | 15,514 | 78.8 | 12.5 | 16,691 | 34.2 | |
| 1998 | 15,902 | 78.6 | 12.5 | 16,983 | 34.8 | |
| 1997 | 15,523 | 78.1 | 13.0 | 16,687 | 34.7 | |
| 1996 | 11,363 | 76.6 | 14.0 | 13,211 | 29.5 | |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Excludes records with unknown data or errors.

Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 18C 2007 Pregnancy Nutrition Surveillance (1)

Iowa Summary of Trends in Smoking Indicators

Summary of Trends in Smoking Indicators (2) Quit Smoking Smoking Year Smoking in Household By First Prenatal Visit and Stayed Off 3 Months Last 3 Months Cigarettes (3) Prenatal Postpartum Prior to Pregnancy of Pregnancy Number % Number % Number % Number % Number % 2007 15,104 42.8 18,082 25.6 4,619 30.7 26.3 17,812 16.8 12,455 4,580 0 6 2006 41.0 6,096 25.7 6,002 16.5 2005 17,506 42.1 14,294 27.1 4,827 29.4 14,443 41.9 14,289 36.5 26.9 2004 12,492 41.9 11,435 3,252 29.1 9,111 41.9 11,432 36.0 2003 17,451 43.1 16,563 27.1 5,542 29.9 13,966 40.8 16,550 35.8 2002 17,302 44.2 16,331 27.7 5,615 29.9 13,723 41.7 16,309 34.7 2001 16,419 46.1 15,026 29.8 5,393 27.3 13,049 44.4 15,021 36.4 27.9 2000 16,981 46.0 15,747 29.6 5,602 13,443 44.6 15,739 37.8 1999 16,817 46.1 15,630 29.9 5,670 28.9 13,414 47.4 15,618 39.7 1998 17,066 44.4 16,175 28.9 5,735 28.1 13,648 47.8 16.159 39.9 1997 16,574 42.9 15,888 28.9 5,372 26.9 13,216 47.6 15,884 39.9 1996 11,437 41.8 12,593 30.3 3,313 23.8 8,212 48.6 12,575 42.0



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⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Excludes records with unknown data or errors.

⁽³⁾ Among women who smoked 3 months prior to pregnancy.

Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 19C 2007 Pregnancy Nutrition Surveillance lowa Summary of Trends in Infant Health Indicators

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| | Su | mmary o | f Trends | s in Infan | t Health | n Indicator | 's ⁽²⁾ | | |
|------|--------|-------------|-------------|-------------|----------|------------------|-------------------|----------|---------|
| Year | | Birthweight | | Prete (5 | | Full Term (6) | ı LBW | Ever Bre | eastfed |
| | | Low (3) | High (4) | | | | | | |
| | Number | % | % | Number | % | Number | % | Number | % |
| 2007 | 14,468 | 7.8 | 8.4 | 10,848 | 10.8 | 9,521 | 2.8 | 14,889 | 22.5 |
| 2006 | 4,848 | 7.2 | 8.4 | 3,502 | 10.1 | 3,098 | 2.5 | 4,968 | 25.6 |
| 2005 | 13,861 | 7.4 | 8.3 | 13,462 | 13.1 | 11,670 | 3.1 | 13,858 | 58.1 |
| 2004 | 11,041 | 7.8 | 8.2 | 10,402 | 13.0 | 9,025 | 2.9 | 11,030 | 58.6 |
| 2003 | 16,030 | 6.9 | 9.0 | 15,405 | 12.4 | 13,445 | 2.7 | 16,048 | 57.7 |
| 2002 | 15,796 | 7.3 | 9.2 | 15,112 | 12.8 | 13,115 | 2.9 | 15,800 | 57.2 |
| 2001 | 14,604 | 6.9 | 9.5 | 14,082 | 12.3 | 12,327 | 3.1 | 14,577 | 55.7 |
| 2000 | 15,264 | 6.9 | 9.6 | 14,708 | 11.5 | 12,983 | 2.8 | 15,245 | 54.1 |
| 1999 | 15,183 | 6.9 | 10.1 | 14,548 | 11.7 | 12,813 | 2.6 | 15,159 | 52.5 |
| 1998 | 15,680 | 6.9 | 10.6 | 14,966 | 11.8 | 13,180 | 2.9 | 15,624 | 52.4 |
| 1997 | 15,378 | 6.6 | 10.1 | 14,657 | 11.7 | 12,925 | 2.8 | 15,356 | 49.8 |
| 1996 | 12,243 | 6.8 | 10.1 | 11,477 | 11.3 | 10,169 | 3.1 | 12,197 | 32.4 |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Excludes records with unknown data or errors.

^{(3) &}lt;2500 g.

^{(4) &}gt;4000 g.

^{(5) &}lt;37 weeks gestation.

^{(6) 37} or more weeks gestation and <2500 g.

^{*} Percentages are not calculated if <100 records are available for analysis after exclusions.

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| | Summa | ry of Tre | ends in | Materna | Health | Indicato | rs by Ra | ce/Ethnic | ity ⁽²⁾ | | | |
|-------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Race/Ethnicity and Year | | Pre | Prepregnancy BMI (3) | | | Weight Gain (4) | | | Anemia (Low Hb/Hct) (5) | | | |
| | | | Under- weight | Over- weight | | < Ideal | > Ideal | 3rd Trii | mester | Postp | artum | |
| | | Number | % | % | Number | % | % | Number | % | Number | % | |
| White, Not Hispanic | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 12,463 6,552 12,732 9,207 13,096 13,053 12,747 13,364 13,413 13,759 | 8.8 8.8 12.3 11.9 13.1 13.6 13.9 14.5 14.8 15.4 | 49.5 48.2 46.1 44.6 44.1 43.5 43.9 41.4 40.2 39.7 | 10,967 5,569 10,008 7,790 11,640 11,468 11,009 11,815 11,858 12,356 | 18.4 18.7 19.8 20.8 20.0 19.7 20.7 21.2 21.4 21.2 | 47.8 48.5 47.4 46.7 46.4 46.5 45.5 45.2 43.7 44.3 | 2,171 1,252 1,964 1,197 1,877 1,946 1,935 1,922 1,885 1,933 | 30.8 24.8 27.2 27.8 25.3 24.5 23.6 22.2 22.7 23.5 | 4,863 2,715 4,500 4,310 5,833 5,602 5,008 5,083 4,699 4,635 | 21.3 19.8 23.5 22.0 22.1 20.1 19.7 19.1 17.6 18.3 | |
| Black, Not Hispanic | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 1,310 618 1,203 819 1,094 1,043 1,073 1,053 978 950 | 6.9 9.5 10.2 11.0 11.4 10.6 12.4 11.3 13.2 11.9 | 51.7 49.5 49.6 47.4 47.3 48.6 45.5 46.8 43.4 43.6 | 1,137 524 877 649 934 884 869 881 820 815 | 21.4 22.3 24.2 25.9 22.1 19.8 23.6 25.4 23.3 23.1 | 44.8 41.4 39.0 41.0 44.4 45.4 43.4 42.2 44.1 42.9 | 268 133 226 146 203 166 171 171 140 124 | 56.0 49.6 47.8 44.5 48.8 49.4 45.0 40.9 42.9 36.3 | 506 236 398 376 473 444 374 378 290 347 | 47.8 37.3 41.5 42.6 42.5 40.3 36.9 39.7 36.9 36.3 | |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Excludes data with errors.

⁽³⁾ Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

⁽⁴⁾ Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

⁽⁵⁾ Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

^{*} Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 20C 2007 Pregnancy Nutrition Surveillance (1) lowa

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| S | umma | ry of Tr | ends in | Materna | l Health | Indicato | rs by Ra | ce/Ethnic | ity ⁽²⁾ | | | |
|--------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Race/Ethnicity and Year | | Prepregnancy BMI (3) | | | | Weight Gain (4) | | | Anemia (Low Hb/Hct) (5) | | | |
| | | | Under- weight | Over- weight | | < Ideal | > Ideal | 3rd Tri | mester | Postp | artum | |
| | | Number | % | % | Number | % | % | Number | % | Number | % | |
| Hispanic | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 3,076 1,690 2,223 1,477 1,887 1,907 1,656 1,632 1,501 1,340 | 4.5 4.5 7.9 6.6 7.0 6.9 7.9 9.8 8.9 7.7 | 50.6 49.3 45.8 46.3 45.3 44.2 42.1 44.9 42.6 43.4 | 2,735 1,438 1,535 1,135 1,512 1,525 1,310 1,292 1,217 1,164 | 22.5 25.2 27.7 27.8 28.3 26.6 26.1 27.5 25.5 26.3 | 38.2 37.0 36.3 35.5 36.6 34.1 36.1 34.5 35.8 34.3 | 491 298 391 221 322 333 299 322 246 229 | 30.3 33.2 33.2 28.5 24.5 24.0 22.4 23.0 24.0 28.8 | 1,292 723 934 872 1,032 1,040 811 759 575 547 | 25.5 23.4 27.0 28.6 20.9 22.0 25.0 24.9 25.0 28.3 | |
| American Indian/Alaskan Native | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 90 27 105 85 99 108 90 102 104 82 | * 5.7 * 10.2 * 7.8 6.7 * | * 42.9 * 57.4 47.1 50.0 * | 69 24 75 58 72 79 62 59 86 70 | * * * * * * * * * * * * * * | * * * * * * * * * * | 15 6 20 21 14 19 17 17 16 | * | 37 16 43 40 57 60 42 44 37 40 | * * * * * * * * * | |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Excludes data with errors.

⁽³⁾ Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

⁽⁴⁾ Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

⁽⁵⁾ Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

^{*} Percentages are not calculated if <100 records are available for analysis after exclusions.

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| | Summa | ry of Tr | ends in | Materna | l Health | Indicato | rs by Ra | ce/Ethnici | ty ⁽²⁾ | | | |
|-------------------------|--|--|--|--|--|--|--|--|-------------------------------|---|---|--|
| Race/Ethnicity and Year | | Prepregnancy BMI (3) | | | | Weight Gain (4) | | | Anemia (Low Hb/Hct) (5) | | | |
| | | | Under- weight | Over- weight | | < Ideal | > Ideal | 3rd Trin | nester | Postp | artum | |
| | | Number | % | % | Number | % | % | Number | % | Number | % | |
| Asian/Pacific Islander | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 213 133 297 259 396 379 302 352 332 345 | 19.2 16.5 26.6 28.2 26.8 26.1 33.8 28.7 29.8 34.2 | 20.7 24.1 13.8 15.1 15.9 11.1 13.2 14.2 14.2 14.8 | 182 107 219 213 355 322 264 314 284 313 | 23.6 20.6 28.3 36.2 29.6 35.4 33.7 28.7 33.1 33.9 | 31.3 38.3 27.4 22.1 24.2 23.3 22.7 23.2 25.0 23.3 | 61 33 54 41 80 67 51 75 71 53 | * * * * * * * * * * * * * | 124 89 111 148 235 219 159 161 131 129 | 20.2 * 20.7 19.6 24.7 18.3 25.2 27.3 25.2 17.8 | |
| Multiple Races | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 209 101 0 0 0 0 0 0 0 | 10.0 10.9 * * * * * * * * | 49.8 42.6 * * * * * * * | 194 88 0 0 0 0 0 0 0 | 20.1 | 43.8 | 51 20 0 0 0 0 0 0 0 | * * * * * * * * * * * * * * | 86 44 0 0 0 0 0 0 0 0 | * * * * * * * * * * * * * | |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Excludes data with errors.

⁽³⁾ Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

⁽⁴⁾ Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

⁽⁵⁾ Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

^{*} Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 20C 2007 Pregnancy Nutrition Surveillance (1) lowa

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| (| Summa | ry of Tre | ends in | Materna | l Health I | ndicato | rs by Ra | ce/Ethnic | ity ⁽²⁾ | | |
|------------------------------|--|---|--|--|--|--|--|--|--|--|--|
| Race/Ethnicity and Year | | Prepregnancy BMI (3) | | | | Weight Gain (4) | | | (Low | nemia Hb/Hct) (5) | |
| | | | Under- weight | Over- weight | | < Ideal | > Ideal | 3rd Trii | mester | Postp | artum |
| | | Number | % | % | Number | % | % | Number | % | Number | % |
| All Other/Unknown | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 5 9 0 0 0 0 0 0 | * * * * * * * * * | * * * * * * * * * * * * * | 0 1 0 0 0 0 0 0 | * * * * * * * * * | * * * * * * * * * * | 0 1 0 0 0 0 0 0 0 | * * * * * * * * * * | 0 1 0 0 0 0 0 0 | * * * * * * * * * * * * |
| Total All Race/Ethnic Groups | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 17,366 9,130 16,560 11,847 16,572 16,490 15,868 16,503 16,328 16,476 | 8.0 8.2 11.8 11.5 12.6 12.9 13.5 14.1 14.4 | 49.6 48.1 45.7 44.4 43.9 43.2 43.3 41.6 40.1 39.8 | 15,284 7,751 12,714 9,845 14,513 14,278 13,514 14,361 14,265 14,718 | 19.4 20.1 21.2 22.2 21.2 20.9 21.7 22.1 22.1 22.0 | 45.6 45.7 45.1 44.5 44.8 44.6 44.0 43.6 42.7 43.0 | 3,057 1,743 2,655 1,626 2,496 2,531 2,473 2,507 2,358 2,349 | 33.0 28.8 30.2 29.9 26.8 25.9 25.2 23.8 24.2 25.0 | 6,908 3,824 5,986 5,746 7,630 7,365 6,394 6,425 5,732 5,698 | 24.2 21.8 25.3 24.3 23.5 21.7 21.7 21.3 19.6 20.3 |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Excludes data with errors.

⁽³⁾ Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

⁽⁴⁾ Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

⁽⁵⁾ Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

^{*} Percentages are not calculated if <100 records are available for analysis after exclusions.

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| Summary of Trends in I | /laternal | Behavior | al Indic | cators by F | Race/Ethn | icity (2) |
|-------------------------|--|---|--|--|--|--|
| Race/Ethnicity and Year | | М | edical Ca | WIC Enrollment | | |
| | | 1st Trii | mester | No Care | 1st Trin | nester |
| | | Number | % | % | Number | % |
| White, Not Hispanic | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 8,598 2,835 10,907 8,724 12,866 12,693 11,947 12,656 12,749 13,278 | 88.3 88.6 82.7 81.2 80.9 80.5 81.0 80.0 79.9 | 0.0 0.0 10.7 13.0 12.5 13.0 11.8 12.5 12.4 | 11,323 5,908 13,229 9,514 13,604 13,473 13,008 13,571 13,650 14,153 | 43.3 40.3 36.7 32.8 34.9 34.5 33.8 35.1 35.1 |
| Black, Not Hispanic | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 852 261 994 798 1,109 1,056 974 993 931 899 | 80.0 79.3 76.8 74.9 78.9 77.1 80.8 77.6 74.0 74.1 | 0.0 0.0 11.7 13.5 10.5 11.6 7.9 9.7 13.2 12.6 | 1,182 538 1,277 880 1,186 1,117 1,122 1,097 1,017 977 | 33.8 29.6 28.9 25.9 27.3 27.5 29.9 29.9 32.0 34.3 |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Excludes data with errors.

^{*} Percentages are not calculated if <100 records are available for analysis after exclusions.

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| Summary of Trends in Ma | aternal | Behavior | ral Indic | cators by F | Race/Ethr | nicity (2) |
|--------------------------------|--|--|--|--|--|--|
| Race/Ethnicity and Year | | М | edical Ca | ire | WIC En | rollment |
| | | 1st Tri | mester | No Care | 1st Trir | nester |
| | | Number | % | % | Number | % |
| Hispanic | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 2,015 771 1,933 1,514 1,980 1,972 1,613 1,586 1,421 1,306 | 83.2 82.6 76.9 75.0 74.6 73.4 76.5 72.1 73.2 72.0 | 0.0 0.0 12.2 15.9 15.5 16.1 11.3 13.6 12.9 13.3 | 2,900 1,598 2,491 1,649 2,099 2,114 1,794 1,724 1,573 1,417 | 38.6 37.4 32.8 32.9 33.0 31.0 28.9 29.6 31.5 33.0 |
| American Indian/Alaskan Native | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 46 11 90 67 86 98 71 73 95 91 | * * * * * * * * * * * * * | * * * * * * * * * | 81 27 120 88 103 117 95 113 108 | * 29.2 * 33.0 28.2 * 37.2 26.9 * |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Excludes data with errors.

^{*} Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 21C 2007 Pregnancy Nutrition Surveillance (1) lowa

Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity

| Summary of Trends in M | /laternal | Behavio | ral Indi | cators by F | Race/Ethr | nicity (2) |
|-------------------------|--|---|---|---|--|--|
| Race/Ethnicity and Year | | М | edical Ca | WIC Enrollment | | |
| | | 1st Tri | mester | No Care | 1st Trii | mester |
| | | Number | % | % | Number | % |
| Asian/Pacific Islander | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 157 60 246 253 401 370 301 348 318 328 | 80.9 * 83.3 75.5 78.3 77.8 75.4 78.7 76.1 75.6 | 0.0 * 11.0 14.6 12.7 12.4 15.0 8.3 13.8 11.0 | 224 133 311 272 413 395 307 364 343 352 | 35.3 32.3 26.7 22.8 22.5 25.3 24.1 20.9 21.3 24.4 |
| Multiple Races | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 144 60 0 0 0 0 0 0 0 | 76.4 * * * * * * * * * * | 0.0 * * * * * * * * * | 188 98 0 0 0 0 0 0 0 | 37.2 * * * * * * * * * * |

⁽¹⁾ Reporting period is January 1 through December 31.



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⁽²⁾ Excludes data with errors.

^{*} Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 21C 2007 Pregnancy Nutrition Surveillance (1) lowa

Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity

| Summary of Trends in M | laternal | Behavior | al Indi | cators by F | Race/Ethr | nicity (2) | |
|------------------------------|--|---|--|--|---|--|--|
| Race/Ethnicity and Year | | М | edical Ca | ıre | WIC Enrollment | | |
| | | 1st Trii | mester | No Care | 1st Trir | nester | |
| | | Number | % | % | Number | % | |
| All Other/Unknown | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 0 0 0 0 0 0 0 | * * * * * * * * * * | * * * * * * * * * | 83 26 1 0 0 0 0 0 0 | * * * * * * * * * * | |
| Total All Race/Ethnic Groups | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 11,812 3,998 14,170 11,356 16,442 16,189 14,906 15,656 15,514 15,902 | 86.5 86.7 81.4 79.6 79.9 79.3 80.3 79.0 78.8 78.6 | 0.0 0.0 11.0 13.5 12.7 13.3 11.6 12.3 12.5 | 15,981 8,328 17,429 12,403 17,405 17,216 16,326 16,869 16,691 16,983 | 41.7 38.8 35.4 32.1 33.9 33.4 32.8 33.9 34.2 34.8 | |

⁽¹⁾ Reporting period is January 1 through December 31.



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⁽²⁾ Excludes data with errors.

^{*} Percentages are not calculated if <100 records are available for analysis after exclusions.

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Summary of Trends in Smoking Indicators by Race/Ethnicity

| | Sur | nmary o | f Trends | in Smok | king Indi | icators by | Race/E | thnicity | (2) | | |
|-------------------------|--|--|--|--|--|--|---|---|---|--|--|
| Race/Ethnicity and Year | | | Smo | king | | By First I | Quit Smoking By First Prenatal | | Smoking in | n Household | |
| | | 3 Mo Prior to P | | Last 3 Months of Pregnancy | | Visit and Stayed Off Cigarettes (3) | | Prenatal | | Postpartum | |
| | | Number | % | Number | % | Number | % | Number | % | Number | % |
| White, Not Hispanic | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 10,709 3,129 13,288 9,572 13,643 13,547 13,089 13,673 13,762 14,220 | 52.0 52.0 50.4 49.3 49.9 51.6 53.0 52.1 51.8 49.2 | 13,126 4,341 10,989 8,780 12,947 12,797 12,041 12,733 12,838 13,487 | 30.7 31.9 32.7 32.2 32.1 32.9 34.9 33.9 33.9 32.3 | 3,987 0 4,427 2,974 5,046 5,192 4,982 5,132 5,238 5,308 | 29.5 * 28.2 27.9 28.6 28.7 26.0 27.0 27.8 27.1 | 8,881 2 10,881 6,916 10,818 10,712 10,345 10,735 10,900 11,324 | 30.4 * 48.4 47.7 46.5 46.9 49.6 49.3 51.5 51.2 | 12,944 4,290 10,985 8,778 12,940 12,782 12,038 12,727 12,831 13,475 | 19.3 19.2 42.2 41.3 40.7 39.7 41.0 42.1 43.5 43.0 |
| Black, Not Hispanic | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 1,133 296 1,285 895 1,184 1,121 1,127 1,096 1,022 984 | 32.9 28.7 33.3 36.3 37.8 35.4 38.3 37.9 34.8 37.6 | 1,328 417 1,002 800 1,116 1,057 982 997 936 920 | 21.3 17.7 19.7 22.0 22.5 20.9 20.3 24.2 21.4 24.5 | 254 0 255 175 307 254 276 289 251 263 | 31.5 * 34.9 32.6 30.9 36.6 39.5 28.7 35.1 33.8 | 918 1 1,041 632 941 860 894 888 836 808 | 20.5 * 34.7 32.9 31.0 32.0 33.2 34.9 34.0 36.3 | 1,301 405 1,002 800 1,115 1,055 982 996 935 919 | 12.1 12.8 27.8 27.4 26.3 23.9 23.6 23.5 24.5 29.3 |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Excludes data with errors.

⁽³⁾ Among women who smoked 3 months prior to pregnancy.

Percentages are not calculated if <100 records are available for analysis after exclusions.

(1)

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Summary of Trends in Smoking Indicators by Race/Ethnicity

| Race/Ethnicity and Year | | Smoking | | | | Quit Smoking By First Prenatal | | Smoking in Household | | | | |
|--------------------------------|--|--|--|--|---|---|--|--|--|--|--|--|
| | | 3 Months Prior to Pregnancy | | Last 3 Months of Pregnancy | | Visit and Stayed Off Cigarettes (3) | | Prenatal | | Postpartum | | |
| | | Number | % | Number | % | Number | % | Number | % | Number | % | |
| Hispanic | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 2,795 994 2,500 1,662 2,105 2,121 1,800 1,734 1,578 1,424 | 14.0 12.3 6.8 7.0 8.1 8.3 8.2 10.3 9.7 10.6 | 3,059 1,138 1,964 1,529 2,007 1,997 1,627 1,592 1,437 1,338 | 7.2 6.9 3.3 2.8 2.7 3.3 3.0 4.3 4.4 | 286 0 102 63 127 126 100 131 106 109 | 46.9 * 57.8 * 63.8 59.5 51.0 55.7 54.7 50.5 | 2,277 3 2,179 1,328 1,813 1,776 1,513 1,457 1,331 1,185 | 12.7 * 15.6 16.8 15.0 18.1 18.4 20.7 23.3 26.0 | 3,010 1,115 1,963 1,528 2,002 1,992 1,625 1,591 1,434 1,335 | 8.2 8.6 11.7 12.8 13.1 12.4 13.0 16.3 17.1 | |
| American Indian/Alaskan Native | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 74 16 121 88 103 117 95 113 110 85 | 34.7 43.7 37.6 43.4 50.0 | 89 23 91 68 86 99 72 73 95 | * | 18 0 25 18 27 21 17 19 40 32 | * * * * * * * * * * * * * | 57 0 95 65 82 92 72 94 84 73 | * * * * * * * * * * | 85 21 91 68 86 99 72 73 94 91 | * * * * * * * * * * | |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Excludes data with errors.

⁽³⁾ Among women who smoked 3 months prior to pregnancy.

^{*} Percentages are not calculated if <100 records are available for analysis after exclusions.

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Summary of Trends in Smoking Indicators by Race/Ethnicity

| Race/Ethnicity and Year | | Smoking | | | | Quit Smoking By First Prenatal | | Smoking in Household | | | | |
|-------------------------|--|---|--|--|--|---|---------------------|--|---|---|--|--|
| | | 3 Months Prior to Pregnancy | | Last 3 Months of Pregnancy | | Visit and Stayed Off Cigarettes (3) | | Prenatal | | Postpartum | | |
| | | Number | % | Number | % | Number | % | Number | % | Number | % | |
| Asian/Pacific Islander | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 213 83 312 275 416 396 308 365 345 353 | 11.3 * 9.6 14.2 11.1 10.1 9.7 12.9 14.2 8.5 | 264 104 248 258 407 381 304 352 324 339 | 4.9 8.7 4.0 5.4 4.2 3.1 3.6 5.1 7.4 4.7 | 13 0 18 22 35 22 18 31 35 23 | * * * * * * * * * | 172 0 247 170 312 283 225 269 263 258 | 14.0 * 21.5 25.9 24.0 26.5 27.6 26.4 41.1 34.5 | 257 99 248 258 407 381 304 352 324 339 | 9.3 * 17.3 21.7 20.1 17.1 22.4 23.0 34.0 27.1 | |
| Multiple Races | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 180 62 0 0 0 0 0 0 | 45.0 * * * * * * * * * | 216 73 0 0 0 0 0 0 0 | 25.9 | 61 0 0 0 0 0 0 0 | * * * * * * * * * * | 150 0 0 0 0 0 0 0 | 36.0 * * * * * * * * * * | 215 72 0 0 0 0 0 0 0 | 19.5 | |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Excludes data with errors.

⁽³⁾ Among women who smoked 3 months prior to pregnancy.

Percentages are not calculated if <100 records are available for analysis after exclusions.

Summary of Trends in Smoking Indicators by Race/Ethnicity

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Summary of Trends in Smoking Indicators by Race/Ethnicity (2) Quit Smoking **Smoking** Smoking in Household Race/Ethnicity and Year By First Prenatal Visit and Stayed Off Last 3 Months 3 Months Cigarettes (3) Prenatal Postpartum Prior to Pregnancy of Pregnancy Number % Number % Number % Number % Number % All Other/Unknown 2007 0 0 0 0 0 2006 0 0 0 0 0 0 2005 0 0 0 0 2004 0 0 0 0 0 0 2003 0 0 0 0 2002 0 0 0 0 0 2001 0 0 0 0 0 2000 0 0 0 0 0 1999 0 0 0 0 0 1998 0 0 0 0 0 Total All Race/Ethnic Groups 2007 15,104 42.8 18,082 25.6 4,619 30.7 12,455 26.3 17,812 16.8 2006 6,002 4,580 41.0 6.096 25.7 0 6 16.5 2005 17,506 42.1 14,294 27.1 4,827 29.4 14,443 41.9 14,289 36.5 2004 12.492 41.9 11.435 26.9 3,252 29.1 9.111 41.9 11,432 36.0 2003 17,451 43.1 16,563 27.1 5,542 29.9 13,966 40.8 16.550 35.8 2002 16,331 13,723 34.7 17,302 44.2 27.7 5,615 29.9 41.7 16,309 2001 16,419 46.1 15,026 29.8 5,393 27.3 13,049 44.4 15,021 36.4 2000 29.6 37.8 16,981 46.0 15,747 5,602 27.9 13,443 44.6 15,739 29.9 5,670 13,414 39.7 1999 16,817 46.1 15,630 28.9 47.4 15,618 1998 17,066 44.4 16.175 28.9 5,735 28.1 13,648 47.8 16,159 39.9



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Excludes data with errors.

⁽³⁾ Among women who smoked 3 months prior to pregnancy.

Percentages are not calculated if <100 records are available for analysis after exclusions.

Summary of Trends in Infant Health Indicators by Race/Ethnicity

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Summary of Trends in Infant Health Indicators by Race/Ethnicity Birthweight Preterm Full Term LBW **Ever Breastfed** Race/Ethnicity and Year (5) (6) Low High (3) (4) Number % % Number % Number % Number % 7.7 White, Not Hispanic 6,931 2007 10,626 8.6 7,869 10.5 2.9 10,931 19.0 2,222 2006 3,526 7.3 8.7 2,499 9.8 2.4 3,604 21.3 9,007 2.9 2005 10,682 7.3 8.6 10,360 12.9 10,667 55.4 2004 8,509 7.6 8.6 8,040 12.9 6,992 2.8 8,490 55.6 2003 12.556 6.6 9.5 12,073 12.3 10,562 2.6 12,555 54.9 2002 12,398 7.3 9.4 11,876 12.6 10,343 2.9 12,392 54.5 2001 11,699 6.7 11,277 9,943 11,672 53.6 10.1 11.7 3.1 2000 12.344 6.7 10.1 11,885 10.528 2.7 12,323 52.4 11.3 1999 12,480 6.7 10.5 11,968 11.6 10,567 2.5 12,458 50.9 13,088 12,526 11,068 13,032 1998 6.6 11.2 11.6 2.7 51.0 Black, Not Hispanic 2007 995 12.0 4.9 738 13.6 630 4.3 1,027 21.5 2006 307 9.1 5.2 205 320 25.3 9.8 181 4.4 2005 987 11.9 4.9 959 16.4 802 5.7 985 47.1 2004 776 12.9 3.7 718 17.1 593 4.7 779 46.1 2003 1,079 11.9 4.5 886 1,083 48.6 1,040 14.5 5.1 2002 1,027 10.1 5.6 974 14.4 830 4.0 1,024 49.7 2001 939 755 962 960 13.1 4.4 19.1 5.4 44.5 970 2000 968 11.3 4.6 938 14.9 792 4.9 44.6 904 899 1999 10.7 5.2 859 14.4 734 4.5 40.8 1998 894 11.5 5.0 837 15.4 706 5.4 892 44.3

- (1) Reporting period is January 1 through December 31.
- (2) Excludes data with errors.
- (3) <2500 g.
- (4) > 4000 g.
- (5) <37 weeks gestation.
- (6) 37 or more weeks gestation and <2500 g.
- Percentages are not calculated if <100 records are available for analysis after exclusions.



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| Race/Ethnicity and Year | | Birthweight | | | Preterm | | Race/Ethnicity Full Term LBW | | Ever Breastfed | |
|---------------------------|------------|-------------|------------|------|---------|------|------------------------------|-----|----------------|------|
| riado/Emiliony and roar | | | Low (3) | | (5) | | (6) | | | |
| | | Number | % | % | Number | % | Number | % | Number | % |
| Hispanic | 2007 | 2,390 | 6.1 | 9.3 | 1,916 | 11.2 | 1,668 | 1.7 | 2,464 | 38.1 |
| | 2006 | 866 | 5.5 | 9.0 | 694 | 10.7 | 607 | 1.8 | 892 | 42.2 |
| | 2005 | 1,866 | 5.3 | 8.9 | 1,826 | 11.8 | 1,595 | 2.4 | 1,881 | 78.0 |
| | 2004 | 1,447 | 6.5 | 8.8 | 1,359 | 11.4 | 1,197 | 2.5 | 1,452 | 81. |
| | 2003 | 1,920 | 5.8 | 9.1 | 1,840 | 11.8 | 1,611 | 2.4 | 1,934 | 79. |
| | 2002 | 1,908 | 5.7 | 10.3 | 1,830 | 12.5 | 1,584 | 2.2 | 1,922 | 78. |
| | 2001 | 1,583 | 4.6 | 9.3 | 1,523 | 11.5 | 1,341 | 1.9 | 1,581 | 77. |
| | 2000 | 1,537 | 5.9 | 9.8 | 1,485 | 11.0 | 1,315 | 2.1 | 1,538 | 74. |
| | 1999 | 1,394 | 5.9 | 10.7 | 1,327 | 11.0 | 1,178 | 2.5 | 1,392 | 74. |
| | 1998 | 1,276 | 5.8 | 9.1 | 1,212 | 12.3 | 1,055 | 2.7 | 1,283 | 71. |
| American Indian/Alaskan I | Native2007 | 76 | * | * | 54 | * | 49 | * | 79 | * |
| | 2006 | 21 | * | * | 15 | * | 11 | * | 21 | * |
| | 2005 | 88 | * | * | 84 | * | 68 | * | 88 | * |
| | 2004 | 63 | * | * | 59 | * | 49 | * | 64 | * |
| | 2003 | 84 | * | * | 79 | * | 71 | * | 83 | * |
| | 2002 | 94 | * | * | 83 | * | 65 | * | 94 | * |
| | 2001 | 68 | * | * | 66 | * | 55 | * | 67 | * |
| | 2000 | 72 | * | * | 67 | * | 60 | * | 70 | * |
| | 1999 | 91 | * | * | 88 | * | 80 | * | 90 | * |
| | 1998 | 91 | * | * | 74 | * | 64 | * | 86 | * |

- (1) Reporting period is January 1 through December 31.
- (2) Excludes data with errors.
- (3) <2500 g.
- (4) >4000 g.
- (5) <37 weeks gestation.
- (6) 37 or more weeks gestation and <2500 g.
- Percentages are not calculated if <100 records are available for analysis after exclusions.



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| ; | Summary | of Tren | ds in Infa | ant Heal | th Indica | tors by | Race/Eth | nicity | (2) | |
|-------------------------|--|---|--|---------------------------------------|---|---|---|---|---|---|
| Race/Ethnicity and Year | | Birthweight | | | Preterm (5) | | Full Term LBW (6) | | Ever Breastfed | |
| | | | Low (3) | High (4) | (0) | | (0) | | | |
| | | Number | % | % | Number | % | Number | % | Number | % |
| Asian/Pacific Islander | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 209 70 238 246 391 369 294 343 314 331 | 10.5 * 10.1 7.3 9.0 8.4 7.1 9.3 9.2 6.6 | 2.9 * 3.8 5.3 3.1 4.3 3.1 5.0 4.5 4.5 | 144 42 233 226 373 349 277 333 306 317 | 6.9 * 15.0 14.2 15.3 16.0 15.5 12.9 14.7 9.5 | 132 37 198 194 315 293 233 288 254 287 | 3.0 * 7.1 2.1 3.8 4.4 2.1 4.2 4.7 3.8 | 211 73 237 245 393 368 295 344 320 331 | 32.2 * 65.8 67.8 66.7 61.4 59.3 52.9 54.4 52.9 |
| Multiple Races | 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 | 172 58 0 0 0 0 0 0 0 | 10.5 | 7.6 * * * * * * * * * * | 127 47 0 0 0 0 0 0 0 0 | 11.8 | 111 40 0 0 0 0 0 0 0 0 | 5.4 | 177 58 0 0 0 0 0 0 0 0 | 16.4 * * * * * * * * * * * |

- (1) Reporting period is January 1 through December 31.
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Table 23C 2007 Pregnancy Nutrition Surveillance (1) Iowa

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| Race/Ethnicity and Year | | В | Birthweight | | Preterm (5) | | Full Term LBW (6) | | Ever Breastfed | |
|------------------------------|--------------|--------|-------------|-------------|----------------|------|----------------------|-----|----------------|-----|
| | | | Low (3) | High (4) | | | | | | |
| | | Number | % | % | Number | % | Number | % | Number | % |
| All Other/Unknown | 2007 | 0 | * | * | 0 | * | 0 | * | 0 | * |
| | 2006 | 0 | * | * | 0 | * | 0 | * | 0 | * |
| | 2005 | 0 | * | * | 0 | * | 0 | * | 0 | * |
| | 2004 | 0 | * | * | 0 | * | 0 | * | 0 | * |
| | 2003 | 0 | * | * | 0 | * | 0 | * | 0 | * |
| | 2002 | 0 | * | * | 0 | * | 0 | * | 0 | * |
| | 2001 | 0 | * | * | 0 | * | 0 | * | 0 | * |
| | 2000 | 0 | * | * | 0 | * | 0 | * | 0 | * |
| | 1999 1998 | 0 0 | * | * | 0 | * | 0 | * | 0 | * |
| Total All Race/Ethnic Groups | 2007 | 14,468 | 7.8 | 8.4 | 10,848 | 10.8 | 9,521 | 2.8 | 14,889 | 22. |
| · | 2006 | 4,848 | 7.2 | 8.4 | 3,502 | 10.1 | 3,098 | 2.5 | 4,968 | 25. |
| | 2005 | 13,861 | 7.4 | 8.3 | 13,462 | 13.1 | 11,670 | 3.1 | 13,858 | 58. |
| | 2004 | 11,041 | 7.8 | 8.2 | 10,402 | 13.0 | 9,025 | 2.9 | 11,030 | 58. |
| | 2003 | 16,030 | 6.9 | 9.0 | 15,405 | 12.4 | 13,445 | 2.7 | 16,048 | 57. |
| | 2002 | 15,796 | 7.3 | 9.2 | 15,112 | 12.8 | 13,115 | 2.9 | 15,800 | 57. |
| | 2001 | 14,604 | 6.9 | 9.5 | 14,082 | 12.3 | 12,327 | 3.1 | 14,577 | 55. |
| | 2000 | 15,264 | 6.9 | 9.6 | 14,708 | 11.5 | 12,983 | 2.8 | 15,245 | 54. |
| | 1999 | 15,183 | 6.9 | 10.1 | 14,548 | 11.7 | 12,813 | 2.6 | 15,159 | 52. |
| | 1998 | 15,680 | 6.9 | 10.6 | 14,966 | 11.8 | 13,180 | 2.9 | 15,624 | 52. |

- (1) Reporting period is January 1 through December 31.
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